

## ABSTRACT OF THE DISCLOSURE

In a DC braking method for stopping an induction motor, torque shock generated by an abrupt change of an output current phase is reduced to a predetermined value or less when a switch-over from a normal control state to a DC braking state. When a switch-over from a normal control state to a DC control state is performed, a means for reducing the generated torque shock to a predetermined value or less is provided. In this case, an abrupt change of an output voltage phase is inhibited by predictably operating the output voltage phase during the DC braking to control the power converter on the basis of a setup DC braking initiation frequency or a phase advanced until the DC braking is initiated, which is predetermined by a deceleration rate and the setup DC braking initiation frequency and the output voltage phase of a normal control state at the instant that a switch-over to the DC braking state is performed.